PATENT COOPERATION TREATY

ТО

FROM

the INTERNATIONAL BUREAU of the nice is the WORLD INTELLECTUAL PROPERTY ORGANIZATION

COMMUNICATION IN CASES FOR WHICH NO OTHER FORM IS APPLICABLE

WEICKMANN, H. Postfach 860 820 Kopernikustrasse 9 D-8000 München 86 ALLEMAGNE

DATE OF MAILING

by the INTERNATIONAL BUREAU:

(26.05.92)

26 May 1992

APPLICANT'S OR AGENT'S

FILE REFERENCE

PCT 157

IDENTIFICATION OF THE INTERNATIONAL APPLICATION

International Application Number

International Filing Date

PCT/EP91/01811

23 September 1991 (23.09.91)

Applicant (Name)

MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. ECKSTEIN, Fritz, et al.

NOTIFICATION

The applicant, in respect of the above-identified international application, is notified that an applicant/ inventor for the US only, HEIDENREICH, Olaf, has inadvertently been overlooked by the International Bureau.

The International Bureau (WO) shall publish a correction in Section II of PCT Gazette No. 15/1992 to be published on 11 July 1992 (11.07.92).

A correct version of the front page of the corresponding PCT Pamphlet will be published on the same date and communicated to the designated Offices, pursuant to PCT Article 20.

A copy of this notification has been sent to the receiving Office (RO/EP), to the International Searching Authority (ISA/EP), to the designated Office concerned (DO/US), and to the International Preliminary Examining Authority (IPEA/EP).

THE INTERNATIONAL BUREAU OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION

Mailing Address

WIPO 34, chemin des Colombenes 1211 Geneva 20 Switzerland

Authorized Officer

J.D. Hawkins

Form PCT/18/345 (January 1985)

Express Mail No. EV 333559008 US



WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5:		(11) International Publication Number:	WO 92/07065
C12N 9/00, 15/00, A61K 31/00	Al	(43) International Publication Date:	30 April 1992 (30.04.92)
(21) International Application Number: PCT/EP91/01811- (22) International Filing Date: 23 September 1991 (23.09.91)		Möhlstrasse 22, D-8000 München 80 (DE).	
(30) Priority data: PCT/EP90/01731 12 October 1990 (12.10.9) (34) Countries for which the regional or international application was filed: (71) Applicant (for all designated States except US PLANCK-GESELLSCHAFT ZUR FÖRL DER WISSENSCHAFTEN E.V. [DE/DE] straße 10, D-3400 Göttingen (DE). (72) Inventors: and (75) Inventors/Applicants (for US only): ECKSTEIN, DE]: Holundersteg 6, D-3400 Göttingen (DE). Wolfgang, A. [DE/DE]; Auf der Wessel 22, D- tingen (DE). BENSELER, Fritz (DE/DE]; Warnecke-Straße 4, D-3400 Göttingen (DE). David, B. [US/US]; Merck, Sherp & Dohme, Laboratory, WP 42-300, Westpoint, PA 19 WILLIAMS, David, M. [GB/DE]; Wiesenstra 3400 Göttingen (DE).	AT et S): MA DERUI ; Buns Fritz [D PIEKE -3400 C Heinri OLSE , Resea	FR (European patent), GA (Coropean patent), GN (OAPI tent), HU, IT (European patent), MC, MN, MR (OAPI patent), MC, MN, MR (OAPI patent), MV tent), NO, PL, RO, SD, SE, (OAPI patent), SU*,TD (OAPI patent), US. Published With international search reports, bit.	PI patent), BG, BJ (OAPI patent), CG (OAPI patent), CG (OAPI patent), CM, CI (OAPI patent), DK, ES (European patent), DK, ES (European patent), GB, GB (European), GR (European), GR, KR, LK, LU, MG, ML (OAPI patent), W, NL, NL (European pase (European), SK, EK, LK, LU, MG, ML, COAPI patent), JP, KP, KR, LK, LU, MG, ML, NL (European), SK, LK, LV, LV, LV, LV, LV, LV, LV, LV, LV, LV

(57) Abstract

The present invention refers to an RNA molecule with catalytic activity comprising at least one modified nucleoside, wherein the hydroxy group at the 2'-position of the ribose sugar is replaced by a modifier group, selected from halo, sulfhydryl, azido, amino, monosubstituted amino and disubstituted amino groups, a process for the preparation of modified RNA molecules and the use of modified RNA molecules as therapeutic agents and biocatalysts.

+ DESIGNATIONS OF "SU"

Any designation of "SU" has effect in the Russian Federation. It is not yet known whether any such designation has effect in other States of the former Soviet Union.

FOR THE PURPOSES OF INFORMATION ONLY Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT. Austria ES MG Madagascar AT Spain Finland ML Mali AU Australia Fì 88 FR MN Barbaulos France Mongolia Belgium GA Gabon MR Mauritania BΕ 8F G8 United Kingdom MW Burkina Fuso Malawi 8G Bulgaria GN Guinca NL Netherlands BJ CR NO Norway Benin Greece Poland BR Brazil HU Hungary CA Romania Canada IT Italy CF Central African Republic Japan Sudan JP. SE SN SU+ CC KP Democratic People's Republic Sweden Congo of Korea CH Senegal Switzerland CI Côte d'Ivoire KR Republic of Kores Soviet Union СМ Chad Camuroon LI Liechwastein Czuchoslovakia LK Sri Lanka TÇ Togo Germany LU Luxembourg United States of America Dunmark MC Monaco